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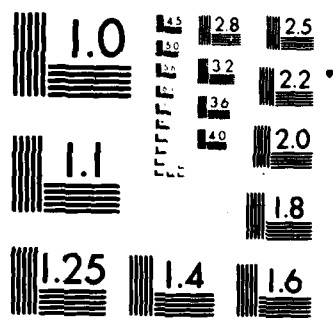
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This bibliography presents periodical articles on the subject of battlefield illumination, whether done through the use of flares, searchlights, or other means, to accomplish the purpose of bringing the controlled use of light onto the darkened battlefield. Selection is from periodicals held by the Morris Swett library, USAFAS.

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BATTLEFIELD ILLUMINATION
A
BIBLIOGRAPHY OF PERIODICAL
ARTICLES
ON
ILLUMINATION AND SEARCHLIGHTS

BY
LESTER L. MILLER, JR.

1 JANUARY 1981

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FOREWORD

This bibliography presents periodical coverage on the subject of battlefield illumination, whether done by the use of flares, searchlights, or other means. Regardless of how accomplished the purpose is to bring the controlled use of light onto the darkened battlefield.

Arrangement is in two parts. Following a listing of periodicals consulted, Part Two A lists articles on illumination. Part Two B covers searchlights. Inclusion of an item, or omission, does not imply USAFAS indorsement or sanction of the compiler's point-of-view nor does it guarantee accuracy of content. Comment and criticism concerning this list is solicited.

LESTER L. MILLER, JR.
Supervisory Librarian

TABLE OF CONTENTS

Part I - Periodicals Consulted (Arrangement by Acronym)	ii,iii
Part II. A. - Periodicals on Illumination	1
Part II. B. - Periodicals on Searchlights	2

"... To search you out a place to pitch your tents in, in fire by night,
to shew you ..."

Deut 1:33 on the controlled use of fire

PART I - PERIODICALS CONSULTED
(ARRANGEMENT BY ACRONYM)

UF1 C7	<u>AAJ</u>	<u>Antiaircraft Journal</u>
UZ410 A8	<u>AID</u>	<u>Army Information Digest</u>
UF157.2544 U53	<u>AISM</u>	<u>Artillery Information Service Memorandum</u>
UF1 A8	<u>AORD</u>	<u>Army Ordnance</u>
UE1 C2	<u>ARM</u>	<u>Armor</u>
UF1 C7	<u>COAJ</u>	<u>Coast Artillery Journal</u>
UF23.5 F6T2	<u>FA</u>	<u>Field Artilleryman (Artillery Trends)</u>
UF1 F6	<u>FAJ</u>	<u>Field Artillery Journal</u>
UF7 U55	<u>FAN</u>	<u>Field Artillery Notes</u>
UD1 I 6	<u>INF J</u>	<u>Infantry Journal</u>
UD7 I 5	<u>INF SQ</u>	<u>Infantry School Quarterly</u>
UF1 W8	<u>JORA</u>	<u>Journal of the Royal Artillery</u>
U1 J7	<u>JORUSI</u>	<u>Journal of the Royal United Service Institution</u>
VE1 M3	<u>MCG</u>	<u>Marine Corps Gazette</u>
UG1 P8	<u>MIL ENGR</u>	<u>Military Engineer</u>
U1 R4	<u>MIL RVW</u>	<u>Military Review</u>

UL445 U57	<u>MODIGOA</u>	<u>Monthly Digest of Ordnance Activities</u>
D743 U6	<u>MROUN</u>	<u>Military Reports on the United Nations</u>
D769 A2 08	<u>OPDIB</u>	<u>Operations Division Information Bulletin</u>
T1 P8	<u>POP SC</u>	<u>Popular Science</u>
UF1 W8	<u>RAJ</u>	<u>Royal Artillery Journal</u>
UG1 R8	<u>REJ</u>	<u>Royal Engineer Journal</u>
D743 U52	<u>TTT</u>	<u>Tactical and Technical Trends</u>
UF1 U7	<u>UKAN</u>	<u>U. K. Artillery Notes</u>
UH1 A63	<u>USAAVN DIG</u>	<u>U. S. Army Aviation Digest</u>
U1 U6	<u>USACFJ</u>	<u>U. S. Army Combat Forces Journal</u>
D767 W3	<u>WI</u>	<u>Weekly Intelligence</u>

PART II. A. ILLUMINATION

Armagnac, Alden P. "Fireworks in War," POP SC, 141:124-128, Nov 1942.

"Battlefield Illumination," INF SQ, 35:90-98, Jul 1949.

"A Brief History of the Development of a Flare Primarily for Landing Purposes in Night Flying," MODIGO, 7:20-22, Jul 1930.

Cunningham, Cleve. "Improvised Illumination," USACFJ, 3:28, 29, Feb 1953.

Drysdale, Walter S. "Problems in Battlefield Illumination," INF J, 14:683, 684, Jan-Jun 1918.

Henagen, John C. "Battlefield Illumination in the Colmar Pocket," COAJ, 89:33-35, Jan 1946.

Hunt, Richard C. D. "Lighting the Way for the Troops," FAJ, 32:913,914, Dec 1942.

"Illumination of Tanks for Engagement of Anti-Tank Guns at Night," UKAN, 12:39, Jul 1944.

"Italian Illuminating Projectile," TTT, 46:29-31, May 1944.

Jones, Thornton E. "Candle Power on the Battlefield," MIL RVW, 32:50-55, Jul 1952.

Kimball, William R. "Tail Lights - 105 Howitzer," FAJ, 33:463, Jun 1943.

Kuldell, R. R. "Battlefield Illumination," INF J, 14:677-682, Jan-Jun 1918.

Kusewitt, John B., Jr. "Battlefield Illumination," USAAVNDIG, 1:9-12, 22, Apr 1955.

"Let There Be Light," MCG, 31:17-19, Apr 1947.

McGill, Robert A. "The Illumination Problem," MCG, 25:31-33, Sep 1940.

McKaig, Nelson. "Front Line Illumination," INF J, 56:24, 25, Jan 1945.

McMahon, Perry R. "Battlefield Illumination for the Infantry," COAJ, 89:19-22, Jan 1946.

"Notes on the Provision of Artificial Moonlight for Night Operations," UKAN, 16:13-17, 1944.

Richter, Henry J. "Battle without Darkness," AID, 9:10-20, May 1954.

"Star Shell," UKAN, 11:10, 11, Jun 1944.

Stewart, Charles W. "Blackouts," MIL ENGR, 33:177-181, May 1941.

"The Use of Illuminating 75mm Shells in Firing on Aerial Targets," PAN 4:57, 58, May 1917.

"Use of Illumination in Supporting Tow/Dragon," FAJ, 46:41, Sep-Oct 1978.

"Use of Three Inch Illuminating Shell," ALSM, 8:55,56, May 1945.

PART II. B. SEARCHLIGHTS

"AA Searchlight Materiel," COAJ, 84:378-380, Jul-Aug 1941.

Aldridge, Frederick S. "Let's Turn Night into Day," MCG, 35:17-19, Apr 1951.

Anderson, Erik A. "Searchlight Maintenance Team," MIL ENGR, 34:130, Mar 1942.

"Artificial Moonlight," COAJ, 88:16,17, May 1945.

"Artificial Moonlight; Allies Illuminate Night Battlefields," TTT, 57:51, 52, Apr 1945.

"Artificial Moonlight by Means of Searchlights," OPDIB, 4:7-10, May 1945.

Bagley, James W. "Study of Searchlight Triangulation," MIL ENGR, 18:280-283, 1926.

Baines, J. S. "Searchlights in Air Defense," COAJ, 73:43-49, 1930.

Baird, Clair W. "Searchlights," COAJ, 47:1-23, 1917.

"Battlefield Illumination in the Pacific," OPDIB, 5:9-11, Jul 1945.

"British Antiaircraft Searchlights," MROUN, 12:3-7, Nov 1943.

Cameron, A. M. "The Future of Searchlights," REJ, 50:530-534, Dec 1935 - Feb 1936.

Cress, James B. "The Development of Anti-Aircraft Searchlights," MIL ENGR, 11:139-149, 1919.

Daniels, Harold R. "Light on the Searchlights," COAJ, 88:27-29, Mar 1945.

Davis, William C. "The Location and Tactical Employment of Searchlights in Coast Defense," COAJ, 31:236-265, 1909.

Dawley, E. J. "Searchlights and Other Night Illuminants Applicable for Use by the Field Artillery," FAJ, 6:442-460, Jul 1916.

Dussault, Horace J. "Searchlights on Luzon," COAJ, 88:28, Nov 1945.

Eggert, Frederick W. "AA Searchlights on the Normandy Beachhead," COAJ, 89:22-24, Jan 1946.

"Enemy Employment of Searchlights," WI, 1:11-16, Apr 1945.

Everett, Warren S. "Searchlights for Battlefield Illumination," MIL ENGR, 43:108, 109, Mar 1951.

Fellows, John L. "Tank Searchlights," ARM, 63:16-21, Jan 1954.

"Field Artillery Searchlights," FA, 1:15,16, Jan 1957.

"First Military Use of Searchlights," MIL ENGR, 9:107,108, 1917.

Franks, George W. "Improvements in Searchlight Sources," MIL ENGR, 43:9, Jan 1951.

Fuller, John F. C. "The Strange Story of the CDL Tank," MCG, 36:15-19, Apr 1952.

"German Searchlights," TTT, 27:4,5, Jun 1943.

Gibson, Adelno. "The Sperry Searchlight," COAJ, 46:37-46, 1916.

Gillmor, R. E. "Searchlights and Sound Locators," AORD, 10:311-320, 418-422, 1929-30; 11:41-47, 1939-31.

Goff, John L. "Training the Searchlight-Sound Locator Team," COAJ, 79:121-123, Mar-Apr 1936.

Grove-White, M. F. "The Collective Training of Mobile A.A. Searchlight Units," REJ, 50:212-222, Jun 1936.

----- "The Individual Training of A.A. Searchlight Units," REJ, 50:38-50, Mar 1936.

Haferkorn, Henry E. "Searchlights, a Short, Annotated Bibliography of Their Design and Their Use in Peace and War," MIL ENGR, 8:118-128, 250-263, 1916.

Harrison, Joseph H. "Searchlights, How Can They Help Us," FAJ, 38:70-72, Mar-Apr 1948.

Havighorst, Russel K. "The Glare Barrage," COAJ, 88:48,49, Nov 1945.

Haydock, Roger. "Military Searchlights," MIL ENGR, 10:261-267, 1918.

Hill, H. W. "Notes on Searchlights," RAJ, 68:393-403, Oct 1941.

Hinman, Dale D. "Cotangent Method of Antiaircraft Searchlight Control," COAJ, 57:435-448, 1922.

Hodges, John N., tr. "Rockets and Searchlights," MIL ENGR, 7:515-523, 1915.

Irvine, Willard W. "Organization of Searchlights in an Artillery Regiment," COAJ, 79:115-117, Mar-Apr 1956.

Killilae, Walter. "Searchlights in Korea," 94:14-16, AAJ, 94:14-16, Jul 1951.

Kuldell, Rudolph C. "Battlefield Illumination," MIL ENGR, 9:682-690, 1917.

Lewis, A. H. "The Use of Searchlights for Tattoos," REJ, 51:612-614, Dec 1937.

Marquat, William F. "Tactical Employment of Searchlights," COAJ, 78:295-298, Jul-Aug 1935.

Montgomery, Charles W. "Let There Be Light," FA, 43:58-67, Apr 1969.

Muir, R. B. "Tattoo Searchlighting," REJ, 51:176-194, Mar 1937.

Nicholson, Arthur B. "The Training of the Antiaircraft Searchlights Battery," COAJ, 79:187-193, May-Jun 1936.

"Operation of the Fighter-Searchlight Team," MROUN, 7:9-12, Jun 1943.

Patterson, M. L. "Searchlights for Military Uses," COAJ, 53:383-396, 1920.

Perowne, L. E. C. M. "Training AA Searchlight Spotters; a Spotter Requires Keen Intelligence and a Knowledge of Airraid Tactics," COAJ, 81:430-441, Nov-Dec 1938.

Pratt, John S. "Tactical Organization and Employment of Antiaircraft Searchlights," COAJ, 55:102-170, 1921.

----- "Tactical Organization and Employment of Searchlights against Naval Targets," COAJ, 54:525-567, 1921.

"Reserve Unit Provides Bright Training Program," FAJ, 46:27, May-Jun 1978.

Richter, Henry J. "Battle without Darkness," AID, 9:10-20, May 1954.

Robinson, Gerald B. "Metal Mirrors, Night Glasses and Oscillators," COAJ, 74:483, 1931.

Schultz, Gary E. "Vietnam Operations Activate the Searchlight Battery," FA, 38:52-57, Aug 1967.

Scott, James A. "Tactical Employment of Antiaircraft Searchlights," MIL RVW, 23:38-41, Jan 1944.

"Searchlight Developed," FA, 43:10, Apr 1969.

Smith, Calvin O. "Searchlight Control Trainer," COAJ, 86:56,57, Mar 1943.

Stewart, Charles W. "Blackouts," MIL ENGR, 33:177-181, May 1941.

Stroud, Roger C. "The Enemy Seeks Our Lights," COAJ, 88:21-23, Nov 1945.

Tompkins, William F. "Cooperation of Aeroplane Searchlights in Antiaircraft Defense," MIL ENGR, 12:265-271, 1920.

Tondo, di. "Searchlights," JORUSI, 61:925-933, Feb-Nov 1916.

"231st Searchlight Battalion," COAJ, 88:31-34, Nov 1945.

"225th Searchlight Battalion in the ETO," COAJ, 88:13-17, Nov 1945.

Watson, John. "Night Watchmen of the Skies," POP SC, 139:52-57, Dec 1941.

Weese, Michael D. "Shedding Light on the Searchlight Story," FAJ, 46:8, Sep-Oct 1978.

"Work of AA Searchlights during the Last War," JORA, 75:241-252, Jul 1948.